PATENT ABSTRACTS OF JAPAN

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(21)Application number : 2000-362987   (71)Applicant : KAWASAKI HEAVY IND LTD
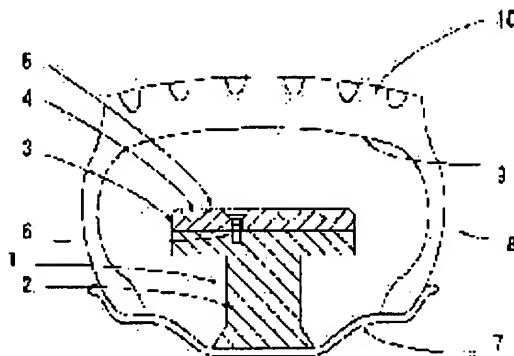(22)Date of filing :   29.11.2000   (72)Inventor : YAMASHITA SEIJI

(54) TIRE FLANGE FOR PNEUMATIC TIRE

(57)Abstract:
PROBLEM TO BE SOLVED: To provide a tire flange for
run-flat travelling capable of, what is called,
the run-flat travelling without extensively
lowering travelling performance in comparison with
the time of normal travelling at the time when
pneumatic pressure of a tire is lowered due to
puncture, etc., possible for a driver to certainly
find that it is transferred to the run-flat
travelling from the normal travelling without
additionally requiring any special instruments and
capable of stably travelling to a site to change
the tire.
SOLUTION: This tire flange for the run-flat
travelling constituting its characteristic feature
of having a plural number of recessed parts 4 on a
tread 5 of an oleo-polymer made tread member 3
fixed on an outer periphery of the tire flange 1
is devised so that the tread 5 of the tire flange
and a tire crown inner surface make contact with
each other in the case when the pneumatic pressure of the tire is lowered, fine
vibration is generated in accordance with rotation of the tire flange 1, travelling
sound is clearly changed and the driver can certainly find that it is changed to
the run-flat travelling.

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